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(disk <or> disc) <and> loop <and> channel

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1 A constrained asymmetry LMS algorithm for PRML disk drive read channels

Staszewski, R.B.; Muhammad, K.; Balsara, P.T.;

Circuits and Systems II: Analog and Digital Signal Processing, IEEE Transactions on [see and Systems II: Express Briefs, IEEE Transactions on] , Volume: 48 , Issue: 8 , Aug. 201 Pages:793 - 798

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[Abstract] [PDF Full-Text (128 KB)] IEEE CNF

3 Modeling of PRML timing loop as a Kalman filter

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Spurbeck, M.; Behrens, R.T.;

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Li Du; Spurbeck, M.; Behrens, R.T.;

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Wei, D.C.; Sun, D.Q.; Abidi, A.A.;

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Younggyun Kim; Jaekyun Moon;

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12 A 3.5 in 230 Mbytes read-channel chip set for magneto-optical disk drives

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Beomsup Kim; Greco, J.D.; Yang, H.C.; Wu, W.-C.S.; Chowdhury, R.F.;

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Nobakhti, A.; Munro, N.;

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1 A full CMOS adaptive 3.3V/5V supply VCM/spindle controller with 9mA total c consumption in lock mode for high TPI and RPM of 8200 for 1" micro-drive, 1.8 2.5" drive

Bathae, M.; Andrian-Albescu, C.; Nicolae, D.; Moustoufi, Z.; Ghezal, H.;
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Pages:437 - 440 vol.2

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1 An approach to dual-stage servo design in computer disk drives

Young-Hoon Kim; Seung-Hi Lee;

Control Systems Technology, IEEE Transactions on , Volume: 12 , Issue: 1 , Jan. 2004
Pages:12 - 20

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2 A fuzzy scheduling controller for the computer disk file track-following servo

Yen, J.-Y.; Wang, F.-J.; Chen, Y.-Y.;

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3 Settling control and performance of a dual-actuator system for hard disk drive

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4 Some advances in loop shaping controller design with applications to disk drive

Messner, W.;

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Bong Keun Kim; Wan Kyun Chung; Ho Seong Lee; Hyun-Taek Choi; Il Hong Suh; Yong t

Magnetics, IEEE Transactions on , Volume: 35 , Issue: 5 , Sept. 1999
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6 Improved discrete proximate time optimal controller of a disk drive actuator

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11 Linear quadratic optimal dual-stage servo control systems for hard disk drive

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12 Shaped time-optimal feedback control for disk-drive systems with back-electromotive force

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16 Microfabricated electrostatic actuators for hard disk drives

Horsley, D.A.; Horowitz, R.; Pisano, A.P.;
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22 Robust H₂ control with regional stability constraints for the track-following servo system

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25 Servo control of a dual-stage actuator for a high performance disk drive. Parameter design and implementation

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Pages:2529 - 2534 vol.3

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26 Active vibration control of a PZT actuated suspension in hard disk drives

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Pages:3028 - 3032 vol.5

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29 Frequency-Domain Transfer Function of Digital Multirate Controller With Current

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Pages:131 - 137

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30 A new method for singular value loop shaping in design of multiple-channel control

Nobakhti, A.; Munro, N.;
Automatic Control, IEEE Transactions on , Volume: 49 , Issue: 2 , Feb. 2004
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31 Feedforward control for reducing disk-flutter-induced track misregistration

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